



Please type a plus sign (+) inside this box →

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

| | |
|--|---|
| Attorney Docket No. | DB000877-000 |
| First Inventor or Application Identifier | Sarthi et al. |
| Title | PRODUCTION AND DISTRIBUTION SUPPLY CHAIN OPTIMIZATION SOFTWARE |
| Express Mail Label No. | EJ116542585US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 19]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages]

 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
 - Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) Statement filed in prior application,
(PTO/SB-09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

| | | | | |
|---------|--|-----------|--------------|------------------|
| Name | Edward L. Pencoske, Esq. | | | |
| Address | Thorp Reed & Armstrong, LLP One Riverfront Center | | | |
| City | Pittsburgh | State | PA | Zip Code |
| Country | U.S.A. | Telephone | 412/394-7789 | Fax 412/394-2555 |

| | | | |
|-------------------|--------------------|-----------------------------------|---------------------|
| Name (Print/Type) | Edward L. Pencoske | Registration No. (Attorney/Agent) | 29,688 |
| Signature | | | Date 25 August 2000 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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S 09/648861
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JC672 U.S. PTO

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JC662 U.S. PTO 09/648861
08/25/00

EXPRESS MAIL MAILING LABEL

Number: EJ116542585US
Date of Deposit: August 25, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

THORP, REED & ARMSTRONG, LLP
One Riverfront Center
Pittsburgh, PA 15222-4395

Denica Marion

PATENT

Attorney Docket No.: DB000877-000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sarthi et al.)
)
Serial No.: Not Yet Assigned)
)
Filed: August 25, 2000)
)
Entitled: PRODUCTION AND DISTRIBUTION SUPPLY CHAIN OPTIMIZATION
 SOFTWARE

TRANSMITTAL FOR PATENT APPLICATION

To: Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Dear Sir:

Enclosed for filing is the above-referenced patent application. Transmitted herewith for filing are:

1. Utility Patent Application Transmittal (Form PTO/SB/05);
2. Fee Transmittal (Form PTO/SB/17) and a check in the amount of \$1,692.00;
3. Nineteen (19) pages of specification including forty-one (41) claims; and
4. Three (3) sheet of figures including five (5) informal drawings.

Also enclosed is a return postcard. Please date stamp the postcard and return it to us to acknowledge receipt of this patent application.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this Transmittal letter is enclosed.

Respectfully submitted,



Edward L. Pencoske
Reg. No. 29,688
THORP REED & ARMSTRONG, LLP
One Riverfront Center, 7th Floor
Pittsburgh, PA 15222-4895
(412) 394-7789

Dated: August 25, 2000

Attorneys for Applicant

00251577

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.TOTAL AMOUNT OF PAYMENT (\$)
1,692.00

Complete if Known

| | |
|----------------------|----------------|
| Application Number | |
| Filing Date | 25 August 2000 |
| First Named Inventor | Sarthi et al. |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | DB000877-000 |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:Deposit Account Number
20-0888Deposit Account Name
Thorp Reed & Armstrong Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.172. Payment Enclosed: Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|-------------------|---|
| 105 | 130 | 205 | 65 Surcharge - late filing fee or oath |
| 127 | 50 | 227 | 25 Surcharge - late provisional filing fee or cover sheet. |
| 139 | 130 | 139 | 130 Non-English specification |
| 147 | 2,520 | 147 | 2,520 For filing a request for reexamination |
| 112 | 920* | 112 | 920* Requesting publication of SIR prior to Examiner action |
| 113 | 1,840* | 113 | 1,840* Requesting publication of SIR after Examiner action |
| 115 | 110 | 215 | 55 Extension for reply within first month |
| 116 | 380 | 216 | 190 Extension for reply within second month |
| 117 | 870 | 217 | 435 Extension for reply within third month |
| 118 | 1,360 | 218 | 680 Extension for reply within fourth month |
| 128 | 1,850 | 228 | 925 Extension for reply within fifth month |
| 119 | 300 | 219 | 150 Notice of Appeal |
| 120 | 300 | 220 | 150 Filing a brief in support of an appeal |
| 121 | 260 | 221 | 130 Request for oral hearing |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding |
| 140 | 110 | 240 | 55 Petition to revive - unavoidable |
| 141 | 1,210 | 241 | 605 Petition to revive - unintentional |
| 142 | 1,210 | 242 | 605 Utility issue fee (or reissue) |
| 143 | 430 | 243 | 215 Design issue fee |
| 144 | 580 | 244 | 290 Plant issue fee |
| 122 | 130 | 122 | 130 Petitions to the Commissioner |
| 123 | 50 | 123 | 50 Petitions related to provisional applications |
| 126 | 240 | 126 | 240 Submission of Information Disclosure Stmt |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) |
| 146 | 690 | 246 | 345 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 | 690 | 249 | 345 For each additional invention to be examined (37 CFR § 1.129(b)) |
| Other fee (specify) _____ | | | |
| Other fee (specify) _____ | | | |
| SUBTOTAL (1) (\$) | 6.90. | SUBTOTAL (3) (\$) | 0. |

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Edward L. Pencoske | Registration No. (Attorney/Agent) | 29,688 | Telephone | 412/394-7789 |
| Signature |  | | | Date | 25 August 2000 |

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.